

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

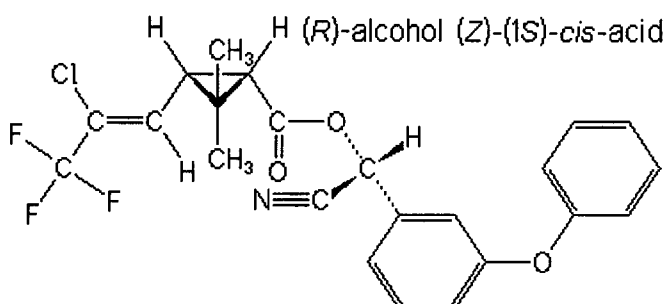
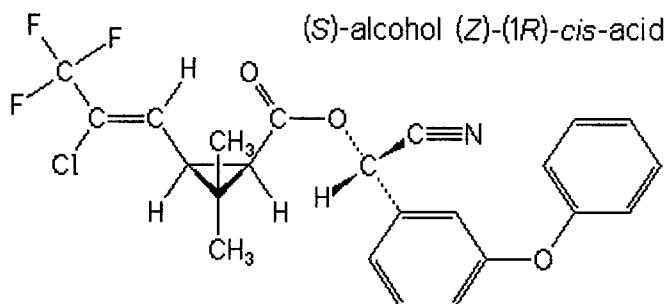
### Analyte: lambda-Cyhalothrin

CAS No.: 91465-08-6

Formula: C<sub>23</sub>H<sub>19</sub>ClF<sub>3</sub>NO<sub>3</sub>

Molecular mass (lowest isotopes): 449,10 amu

Structure:



Ionisation: ESI +

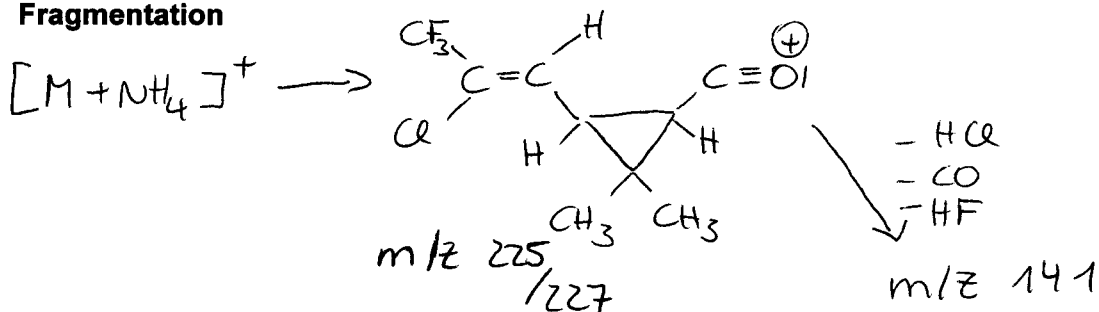
Quasimolecular ion: 467,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

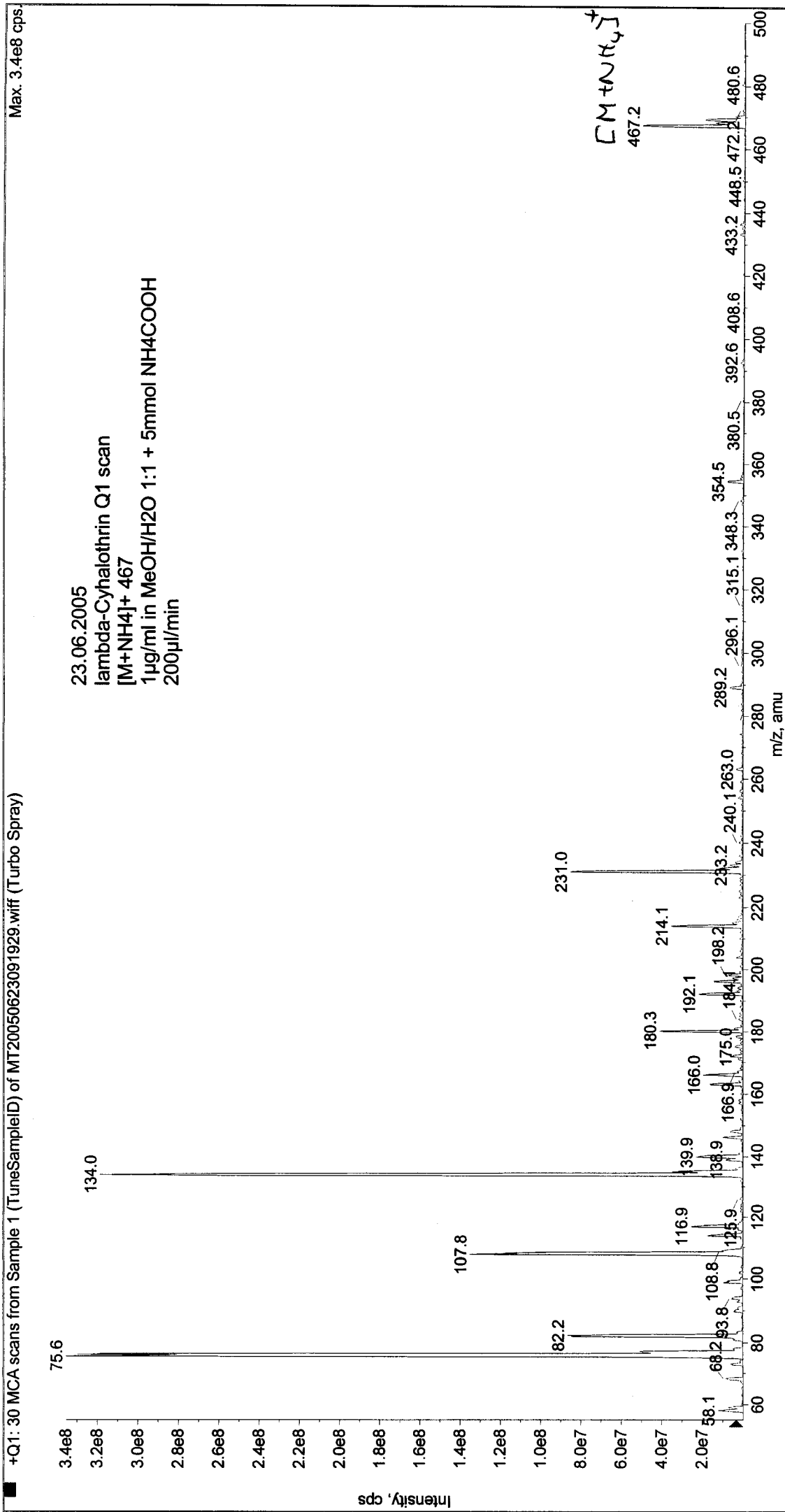
Transition	467,1 → 225,0	467,1 → 141,2
Declustering potential (DP)*)	19V	19 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7,5 V	8,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	23 V	57 V
Collision cell exit potential (CXP)	12 V	6 V

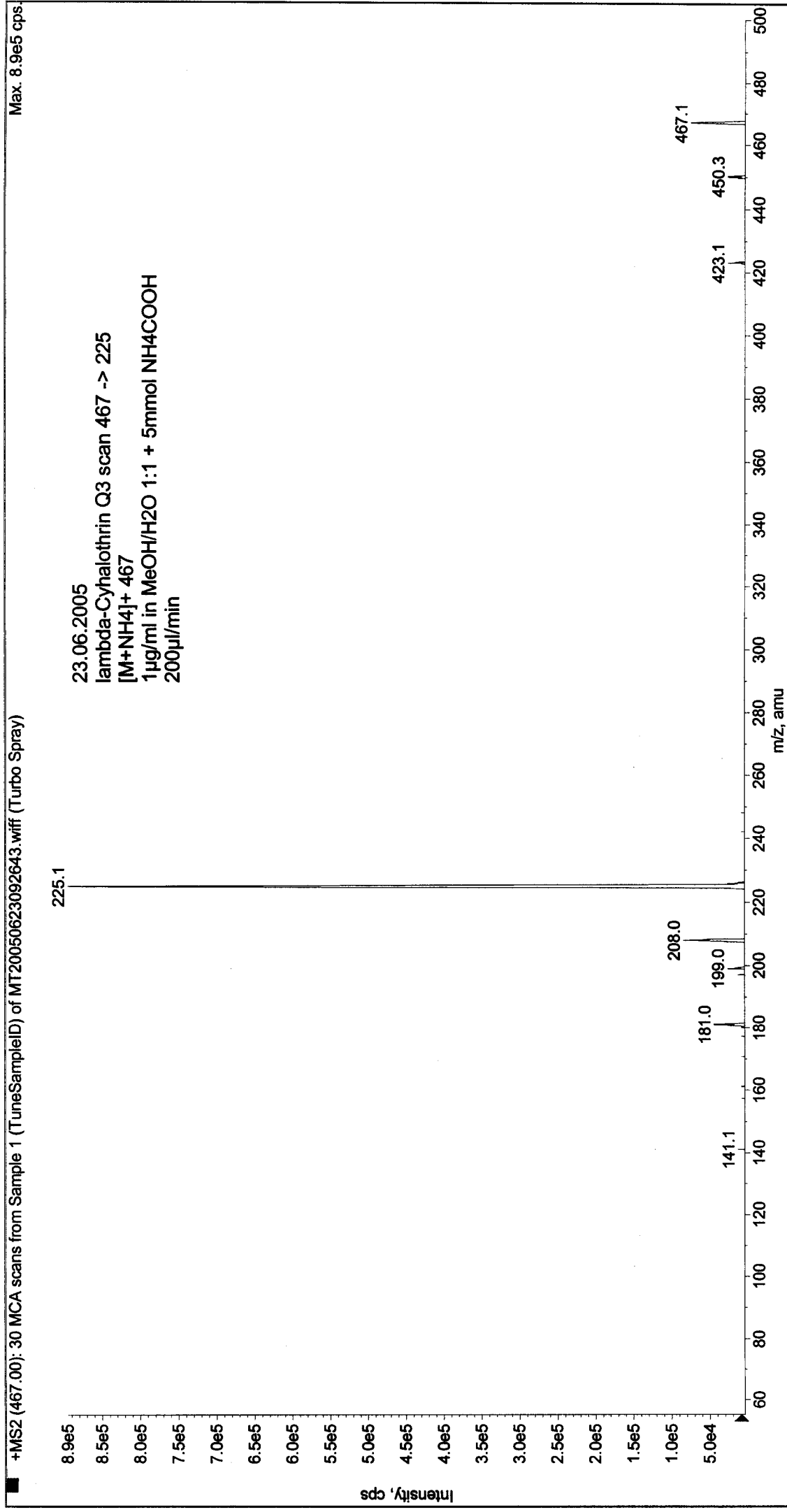
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation

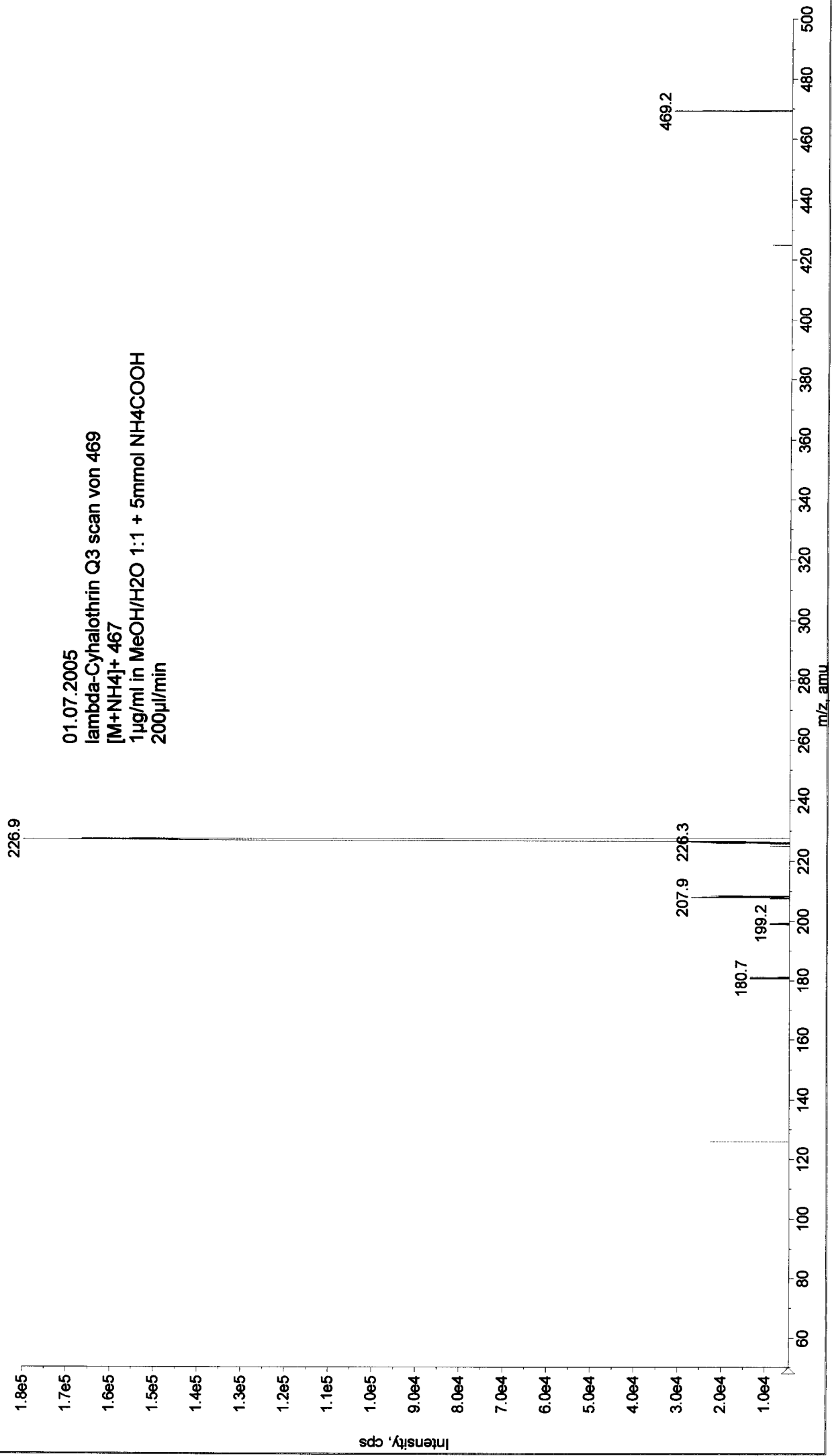


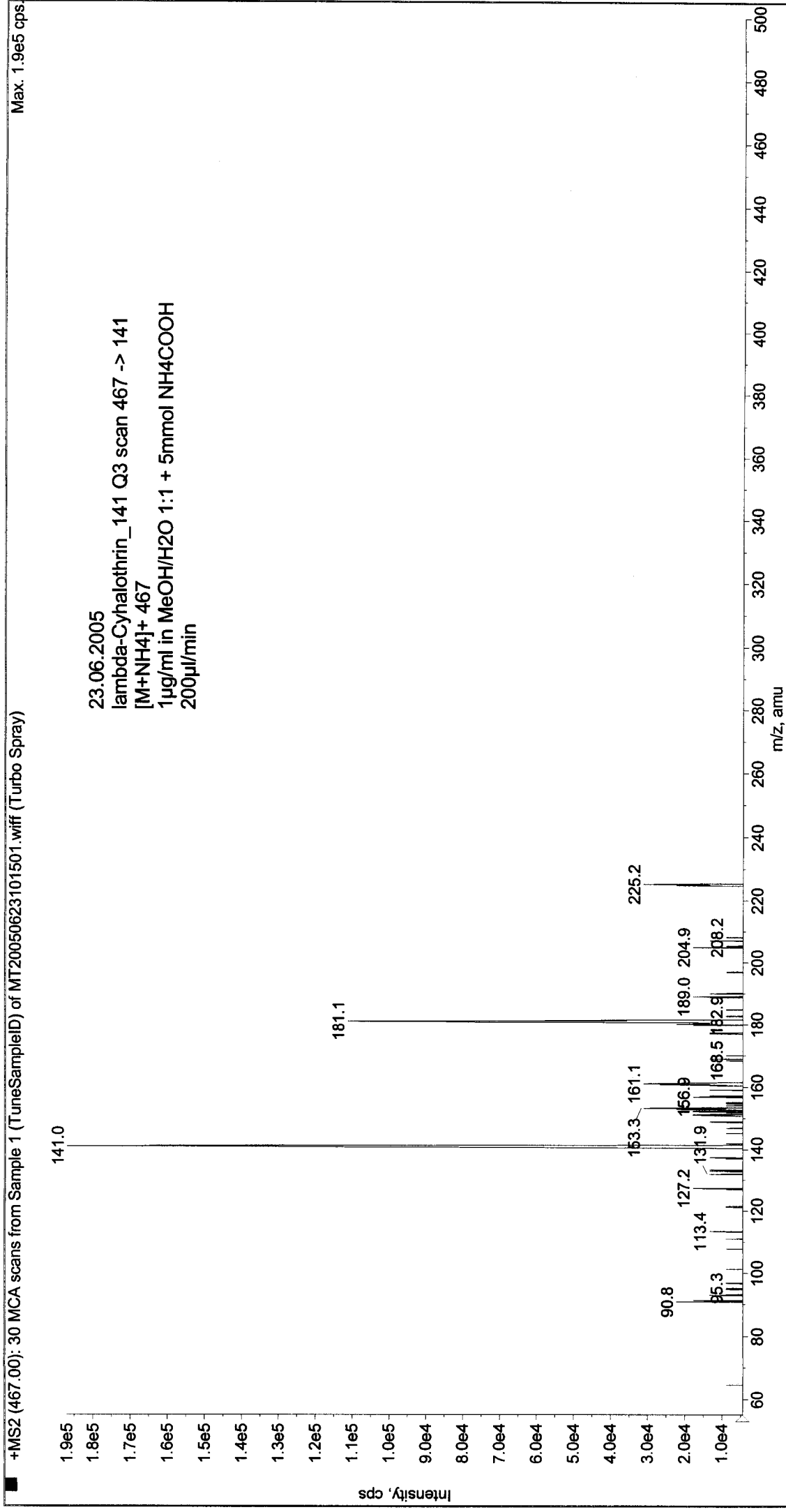
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050623091929.wiff (Turbo Spray)





+MS2 (469.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050701103211.wiff (Turbo Spray)





■ +MS2 (469.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050701103441.wiff (Turbo Spray) Max. 5.9e4 cps.

